

**SONNENSCHN, NATH & ROSENTHAL**

8000 Sears Tower
233 S. Wacker Drive
Chicago, IL 60606
312/876-0200

APPLICANT(S): Kazushi Wada ATTORNEY DOCKET NO.: 09792909-4799
SERIAL NO.: 09/822,647 GROUP ART UNIT: 2822
DATE FILED: March 30, 2001 EXAMINER: Ida Soward
INVENTION: "SOLID-STATE IMAGING DEVICE"

AMENDMENT "B" AFTER FINAL

BOX AF, Hon. Assistant Commissioner of Patents
Washington D.C. 2023

SIR:

Transmitted herewith is an amendment in the above-identified application.

Additional claim fee is required.

The fee has been calculated as shown below.

CLAIMS AS AMENDED							
	(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE	
TOTAL CLAIMS		MINUS		0	() X 9.00 () X 18.00	0.00	
INDEP. CLAIMS		MINUS		0	() X 39.00 (5) X 84.00	0.00	
Application amended to contain any multiple dependent claims not previously paid for.				() YES (X) NO	() \$135.00 () \$270.00 ONE TIME		
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT		\$0.00	

- Applicant petitions the Commissioner of Patents and Trademarks to extend this time for response to the Office Action dated _____ for _____ months so that the period for response is extended to _____.
- The Commissioner is hereby authorized to charge the extension of time fee of \$_____ to deposit account no. 19-3140.
- A check in the amount of \$_____ is attached to cover the additional claim fee.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 19-3140. A duplicate of this sheet is enclosed.
- When phoning re this application, please call 312/876-8000 - Ext. 2606.

SONNENSCHN NATH & ROSENTHAL

DATE: December 31, 2002

BY Christopher P. Rauch (Reg. No. 45,034)
Christopher P. Rauch

CERTIFICATE OF MAILING

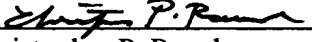
I hereby certify that this correspondence is being deposited as first class mail in an envelope addressed to BOX AF, Asst. Commissioner of Patents, Washington, D.C. 20231 on December 31, 2002.

Christopher P. Rauch
Christopher P. Rauch

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited as First Class Mail in an envelope addressed to BOX AF, Asst Commissioner for Patents, Washington, D.C. 20231 on December 31 2002.

 (Reg. No. 45,034)
Christopher P. Rauch



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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INVENTION: "SOLID-STATE IMAGING DEVICE"

Hon. Assistant Commissioner for Patents
Washington, DC 20231

S I R:

This Amendment "B" is filed in response to the Final Office Action of October 2, 2002.
Applicant respectfully requests reconsideration of the application in view of the amendments and remarks presented below.

IN THE CLAIMS

Please amend claims 1, 2, and 3 as follows:

1. (Twice Amended) A solid-state imaging device having an output portion connected to an output end of a horizontal transfer register, the output portion having a gate structure including an oxide film and a nitride film, the solid-state imaging device comprising:

upper layer films allowing ultraviolet rays having a wavelength of 400 nm or less to pass therethrough;

a first metal made shield film formed in such a manner as to cover a region of said gate structure including an oxide film and a nitride film, being disposed above a light receiving portion and a transfer portion, of said solid-state imaging device; and

a second metal made shield film formed in such a manner as to cover a region of said gate structure including the oxide film and the nitride film, entirely shielding at least an output gate or a reset gate of an output portion, of said solid-state imaging device.

2. (Amended) A solid-state imaging device according to claim 1, wherein said second metal made shield film has an opening at a position directly over a floating diffusion region of said solid-state imaging device.

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